

Amphibia, Anura, Centrolenidae, *Cochranella adenocheira* Harvey and Noonan, 2005: Distribution and geographic extension in the state of Rondônia, Brazil

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ABSTRACT: We report the first formal record of *Cochranella adenocheira* Harvey and Noonan, 2005 in the state of Rondônia, Brazil.

The glassfrog *Cochranella adenocheira* Harvey and Noonan, 2005 was originally described from the Serrania de Huanchaca in Bolivia (Harvey and Noonan 2005). Due to the absence of unambiguous evidence on its generic placement, Guayasamín *et al.* (2009) considered *Cochranella adenocheira* as *incertae sedis* within Centroleninae, but suggested to maintain the current taxonomy *sensu* Ruiz-Carranza and Lynch (1991). Recently, Toledo *et al.* (2009) provided additional records for the species from the states of Pará and Mato Grosso, Brazil, and Frost (2011) reports the species as likely to be found in the Brazilian state of Rondônia.

A specimen of *Cochranella adenocheira* (Figure 1) was collected (Uécson Suendel - 02/2010) at the CETAS (Center of Wild Animals) located near of the Universidade Federal de Rondônia, in Porto Velho, Rondônia state, Brazil (08°49'53.328" S, 63°56'32.3478" W; Figure 2) and deposited in the Coleção de Referencia de Vertebrados at the Universidade Federal de Rondônia (UFRO-H 000583 - License for Permanent Collection of Material Zoo. IBAMA - N° 17302-1). Morphological characteristics of the specimen (snout vent length – 25 mm; tympanum length – 1.2 mm; tibia length – 13 mm; hand/foot length – 7.4/10.0 mm; eye diameter – 2.9 mm; head length/width – 7.9/9.4 mm) are consistent with the description of the holotype of *Cochranella adenocheira* by Harvey and Noonan (2005).

According to Harvey and Noonan (2005) and Toledo *et al.* (2009) the species occurs in primary forest. Interestingly our specimen was collected in secondary forest, in the banks of a stream, on the surface of the palm Caranaí - *Lepidocaryum* sp.

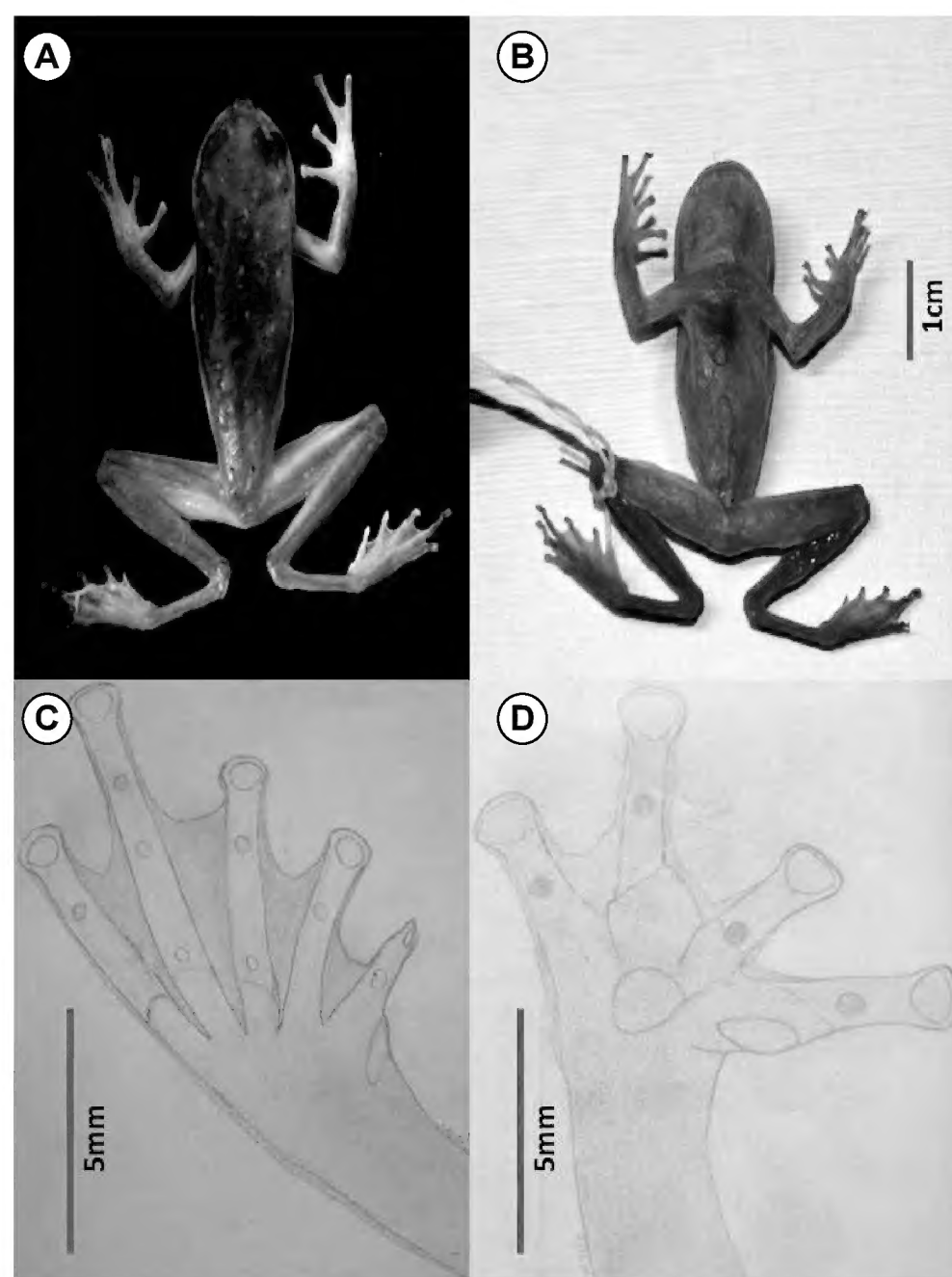


FIGURE 1. Preserved specimen of *Cochranella adenocheira* from Rondônia state, Brazil (UFRO-H 000583). A - Back view; B - Ventral view; C/D - Drawing of the plantar view of the foot/hand. Photograph by Uécson Suendel.

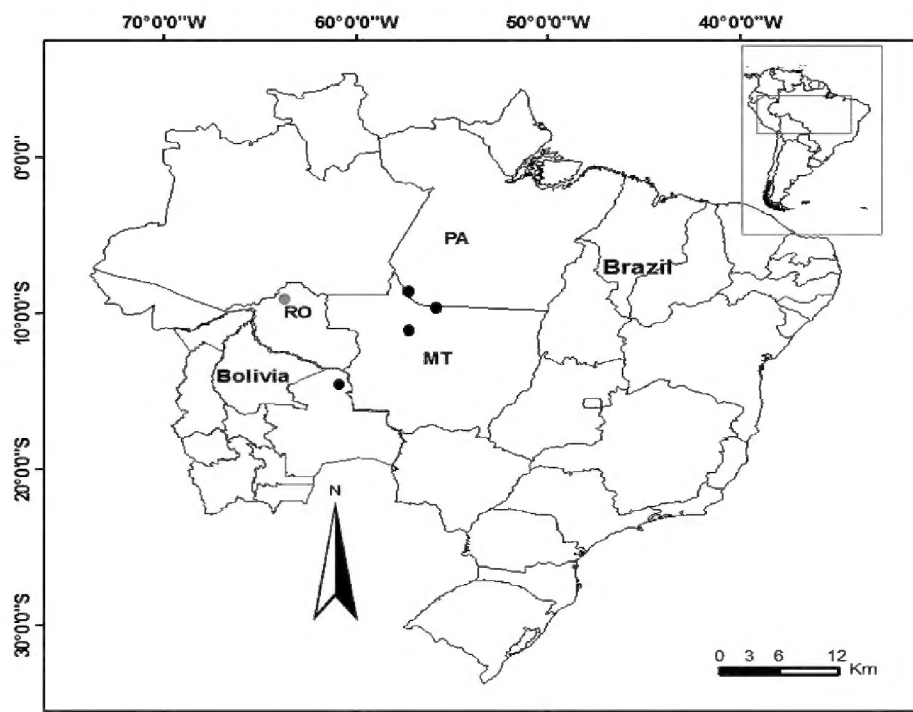


FIGURE 2. Map of the known distribution of *Cochranella adenocheira* in Brazil (black dots, based on Toledo *et al.* 2009) showing the new record in Rondônia state (red dot).

ACKNOWLEDGMENTS: We thank Marinus S. Hoogmoed, for the identification of this specimen. The biology class 1st period Biological Sciences of the UNIR (Universidade Federal de Rondônia) for field assistance, and Paulo Roberto Melo Sampaio (Universidade Federal do Acre).

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RECEIVED: March 2011

ACCEPTED: November 2011

PUBLISHED ONLINE: February 2012

EDITORIAL RESPONSIBILITY: Marcelo N. de C. Kokubum